

Amendments to the Drawings:

As described in the Remarks/Arguments section, substitute drawings are submitted herewith.

Attachment: Replacement Sheets 1/12 - 12/12



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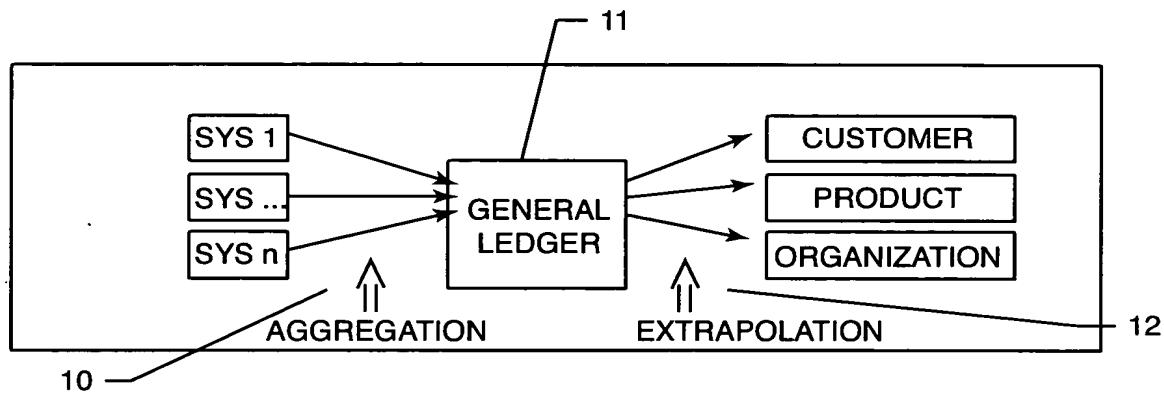


FIG. 1
PRIOR ART

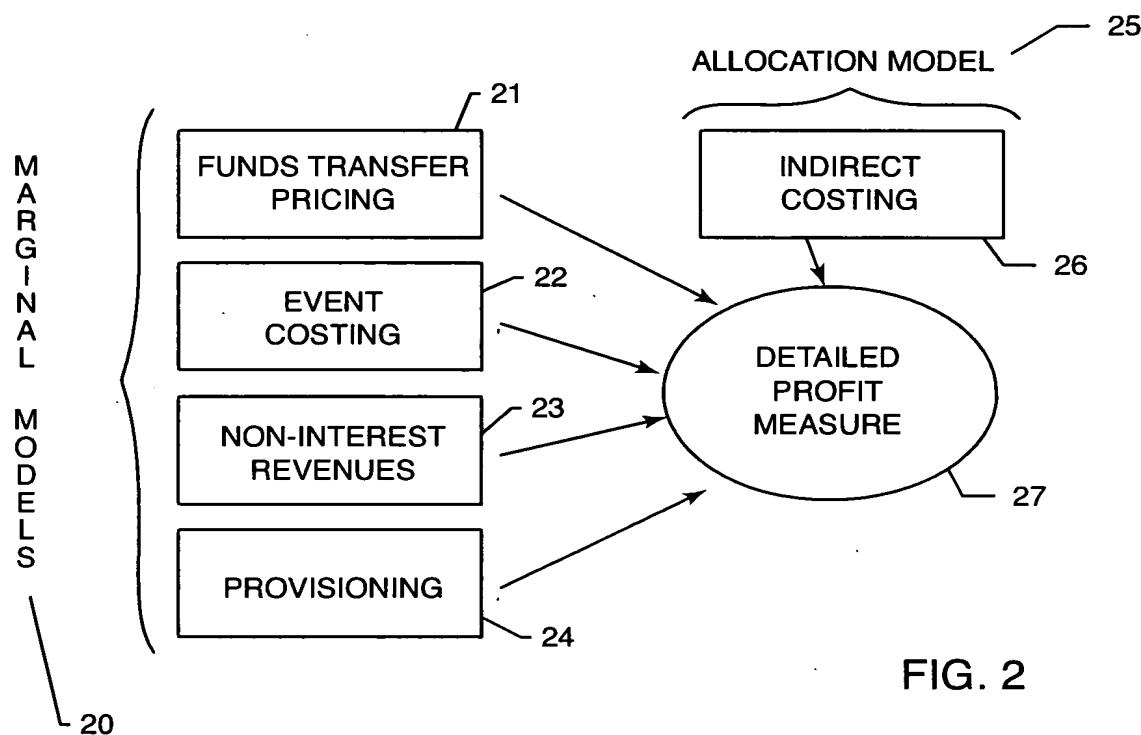


FIG. 2

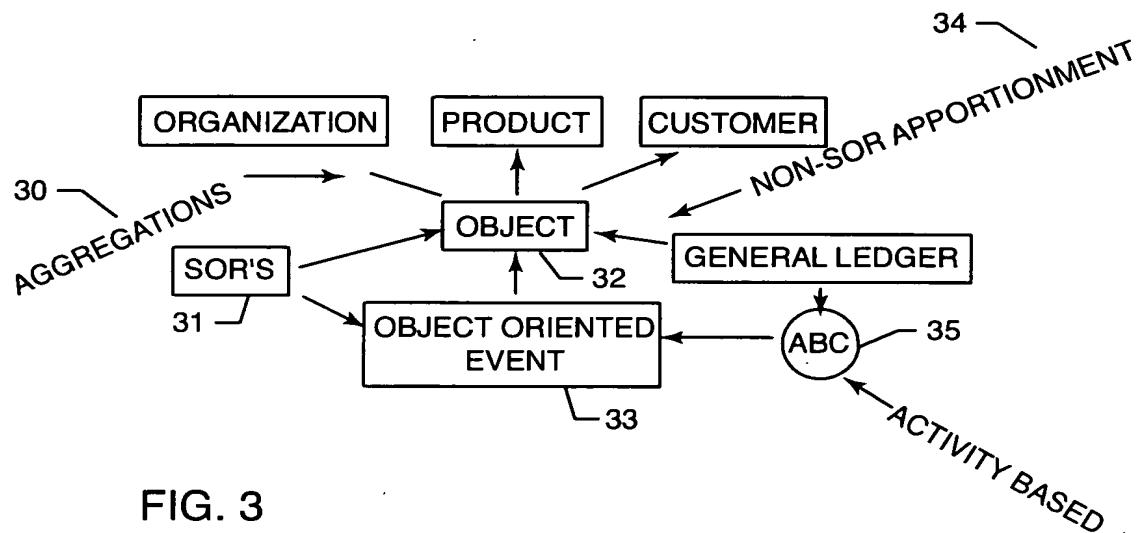


FIG. 3

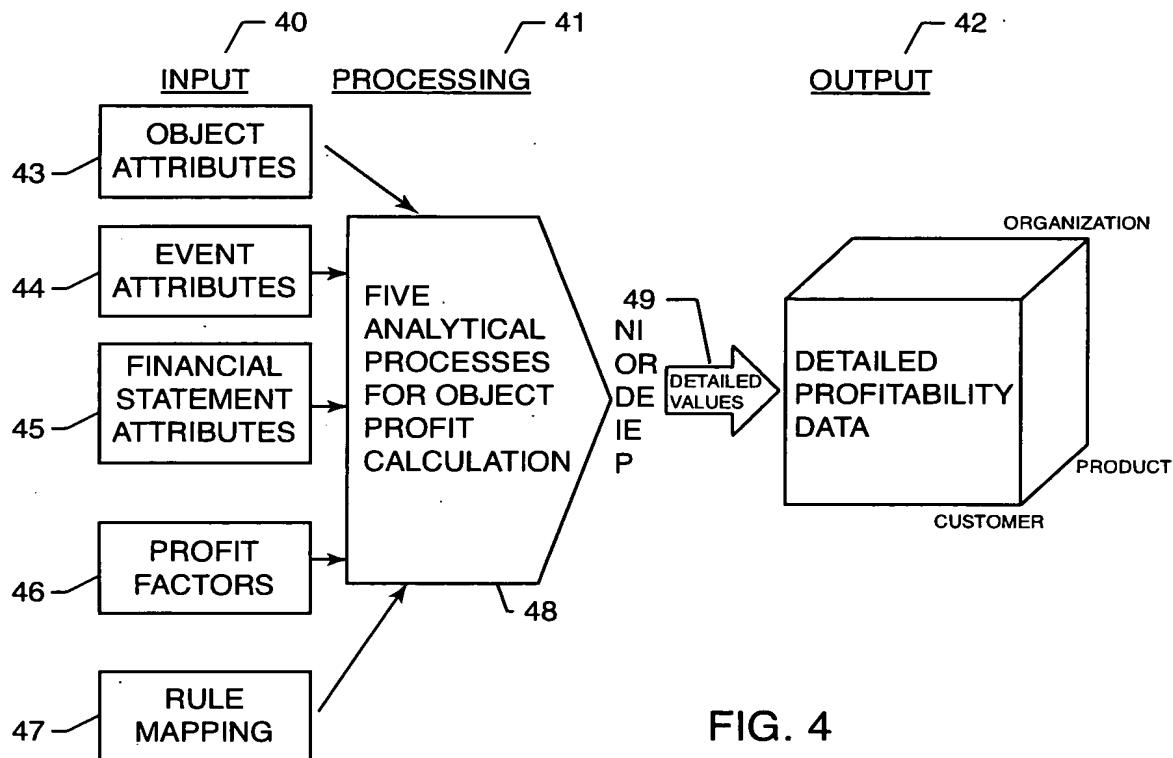


FIG. 4



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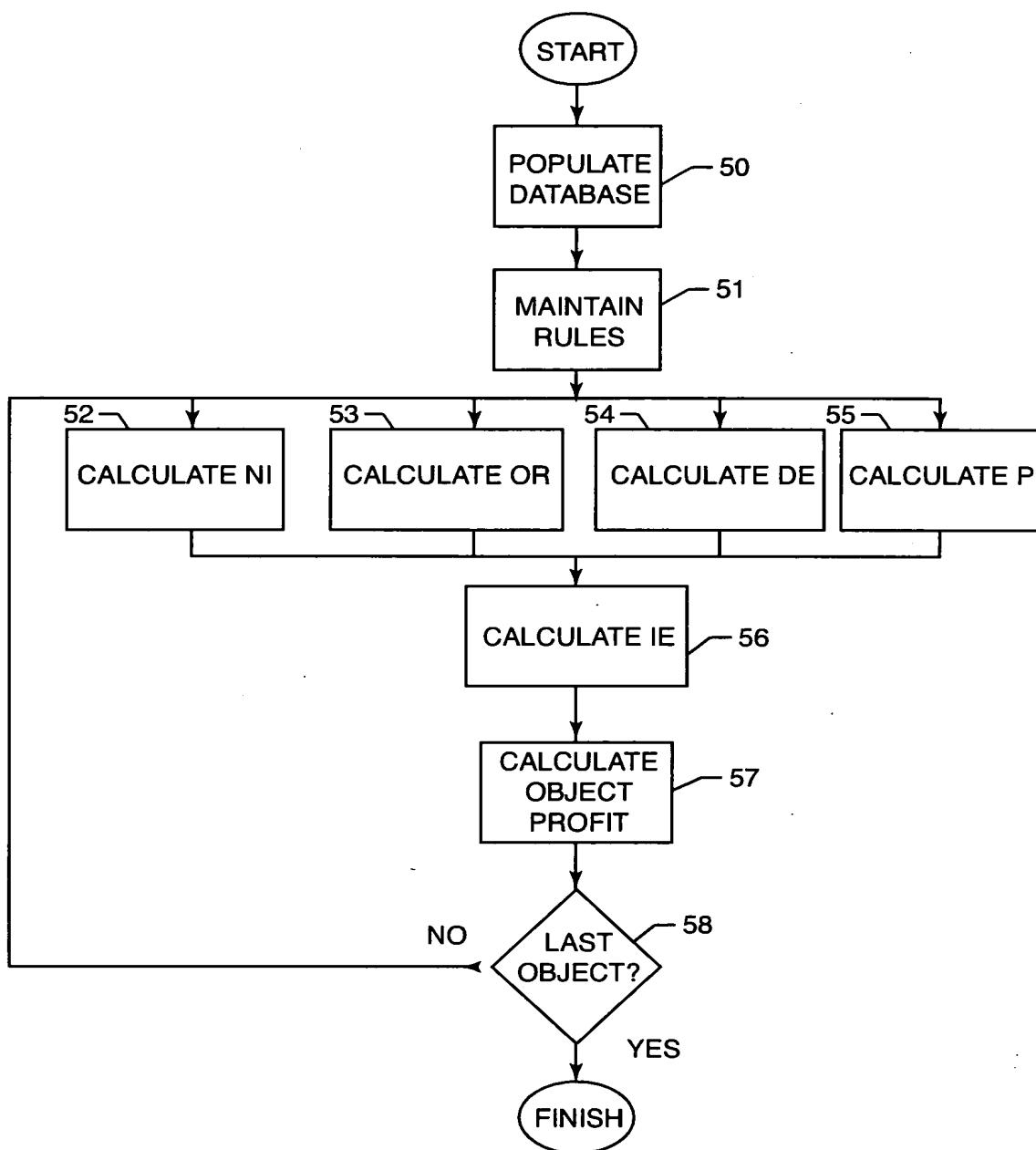


FIG. 5



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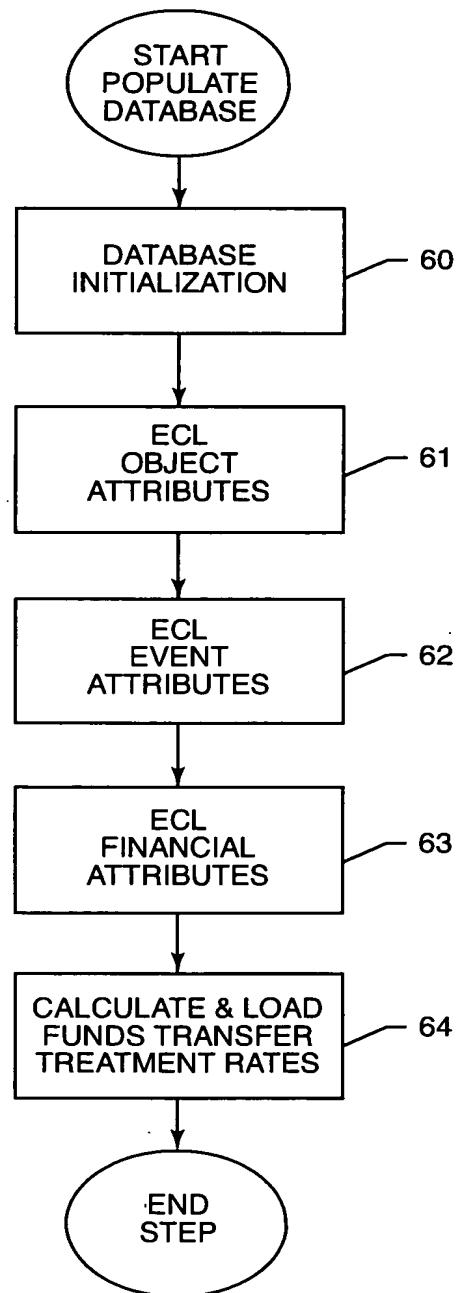


FIG. 6



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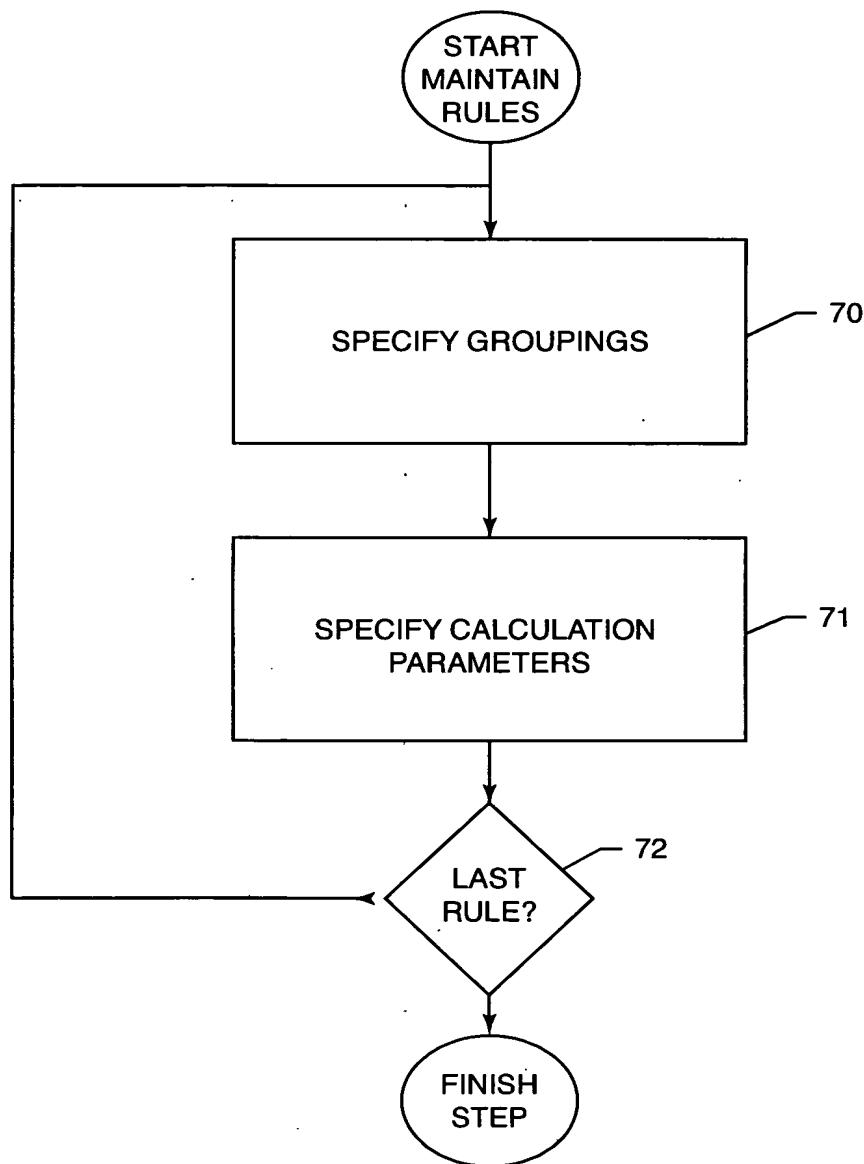
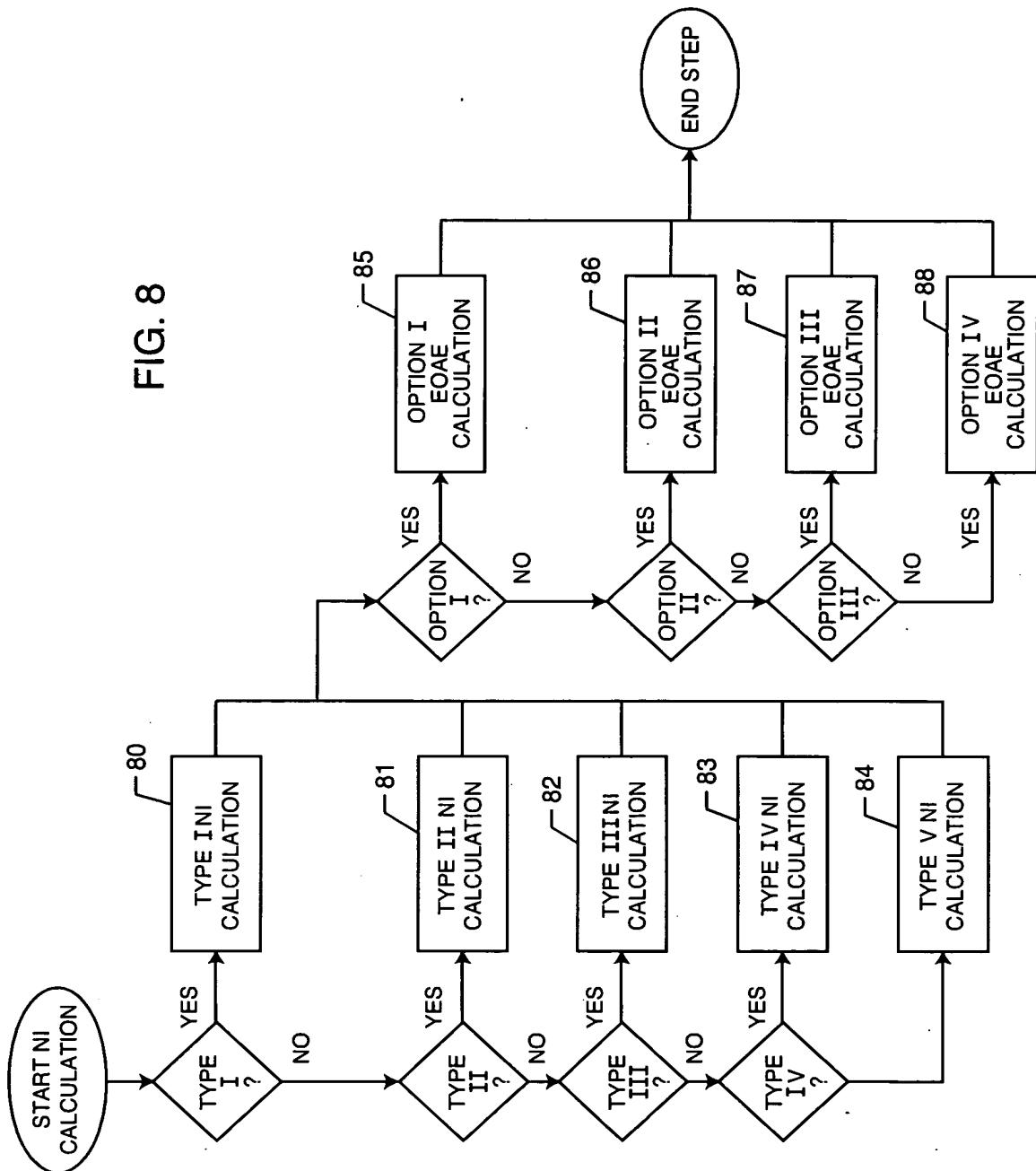


FIG. 7



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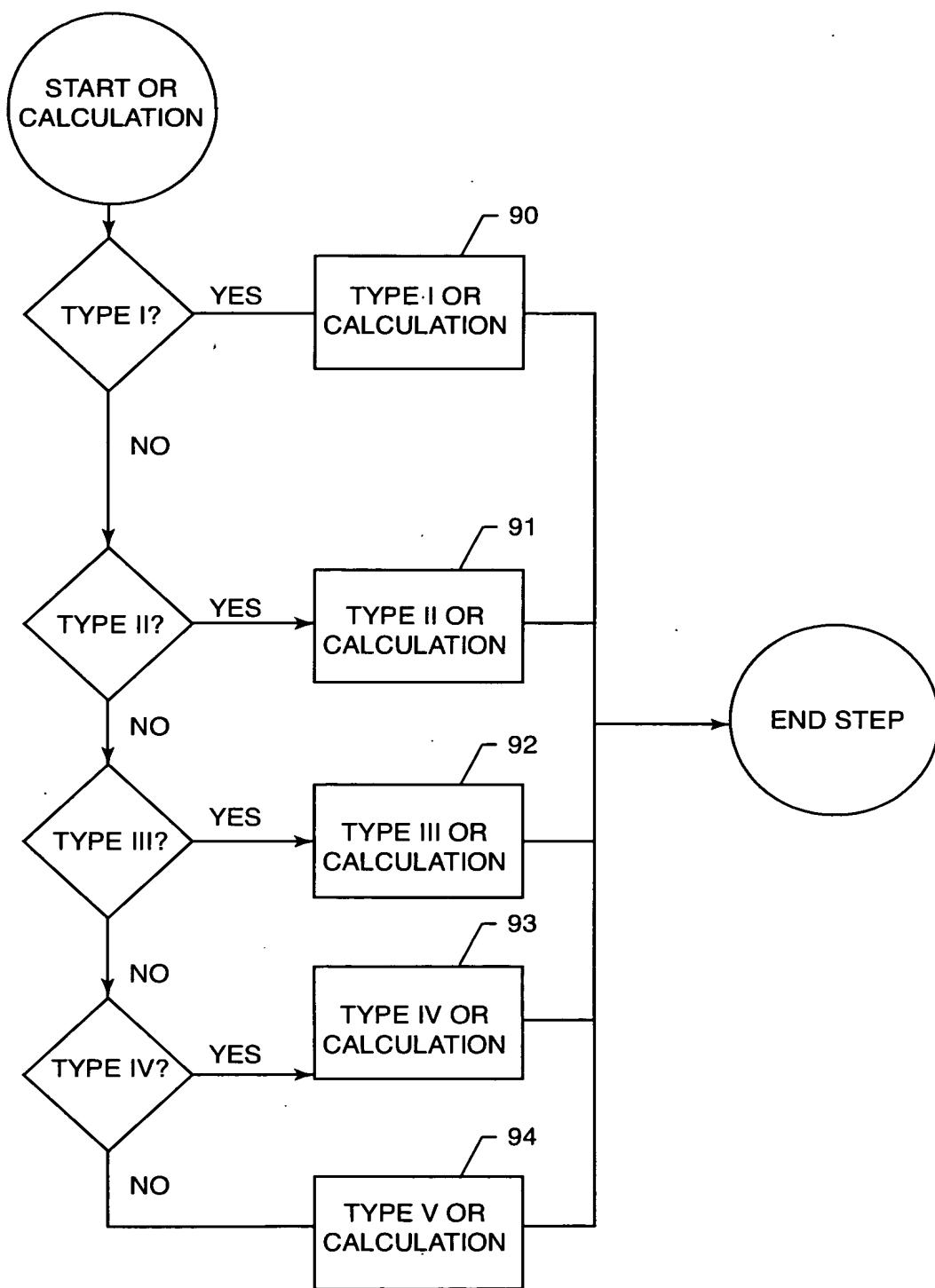


FIG. 9

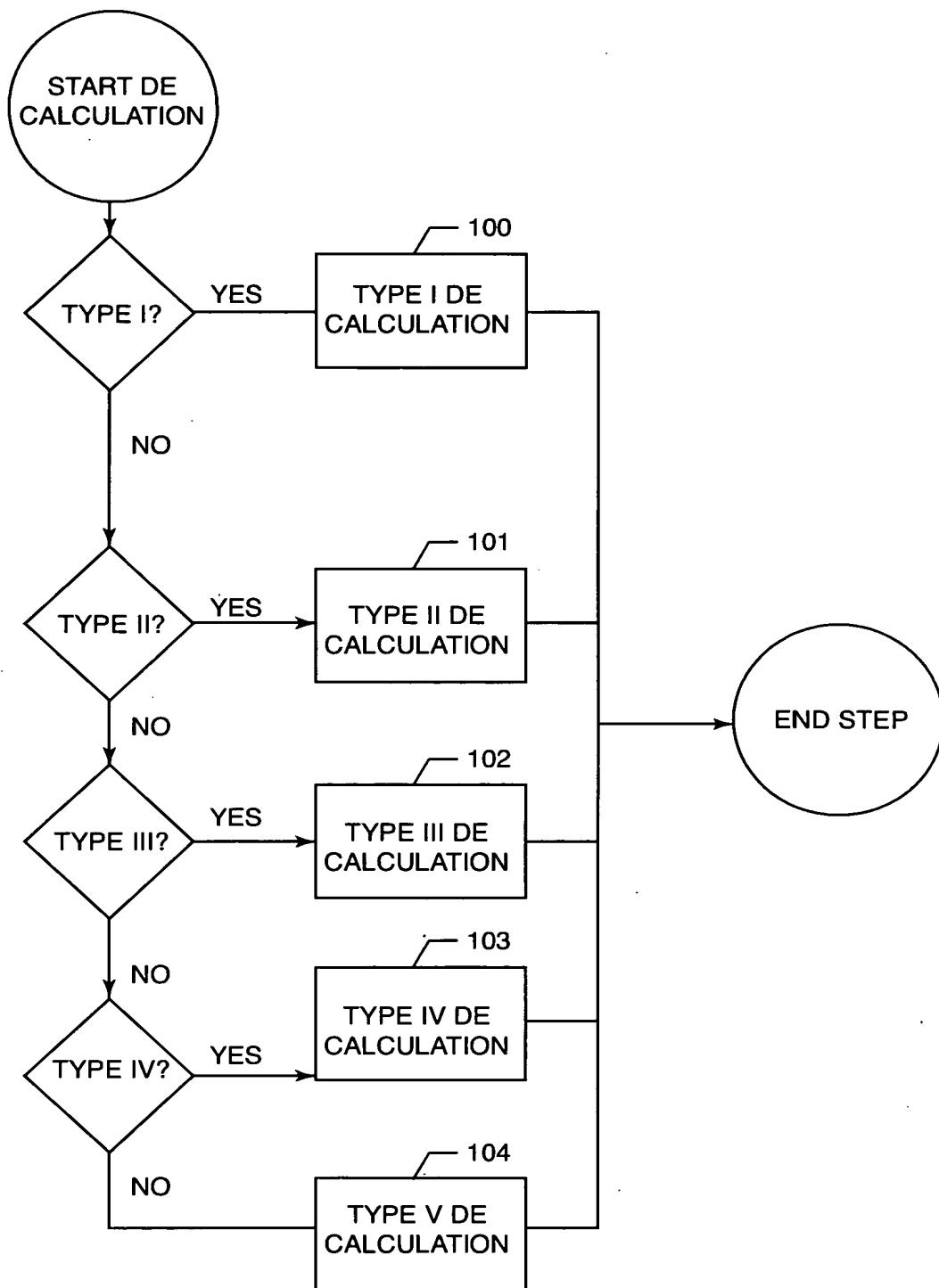


FIG. 10



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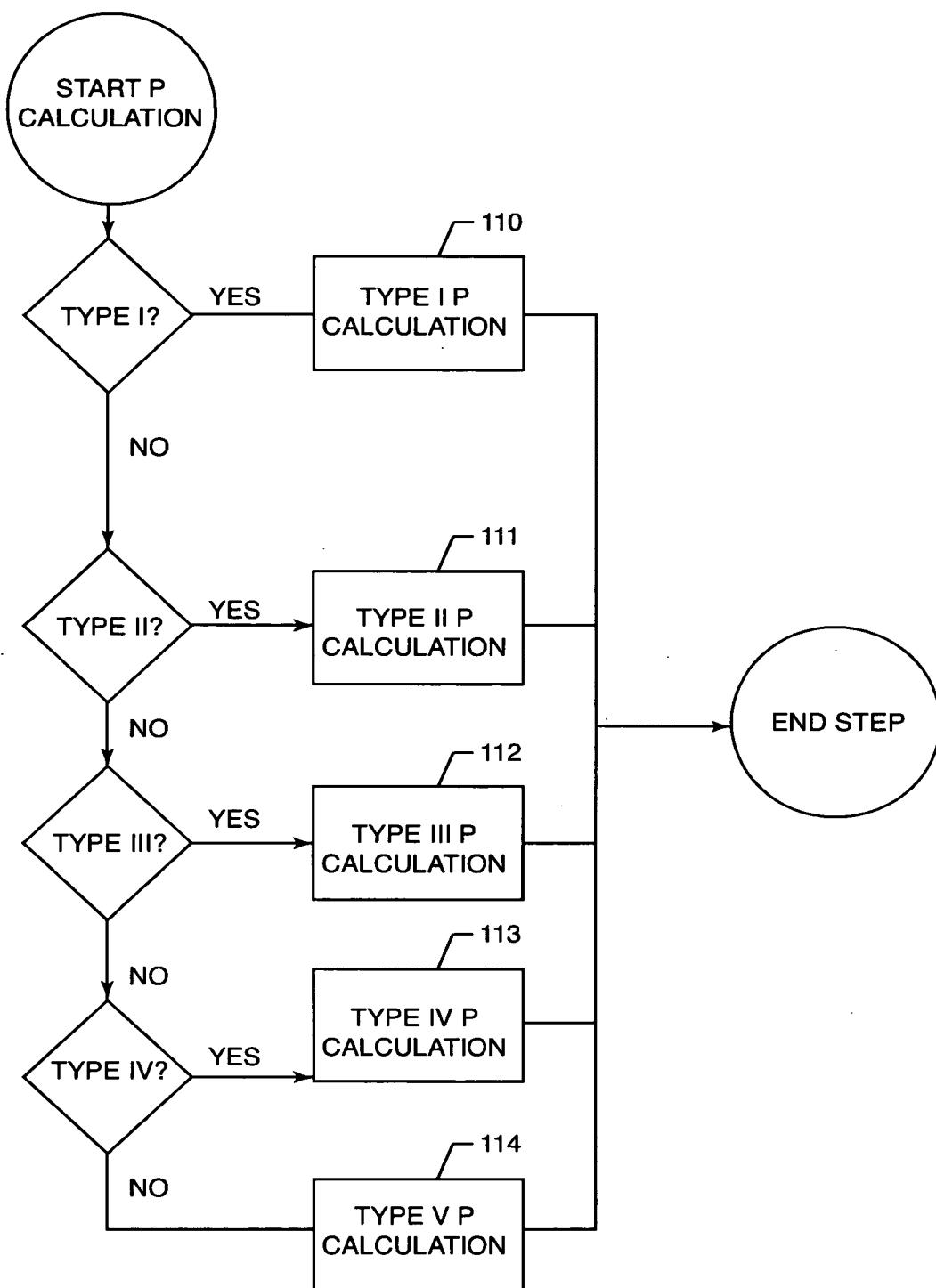


FIG. 11

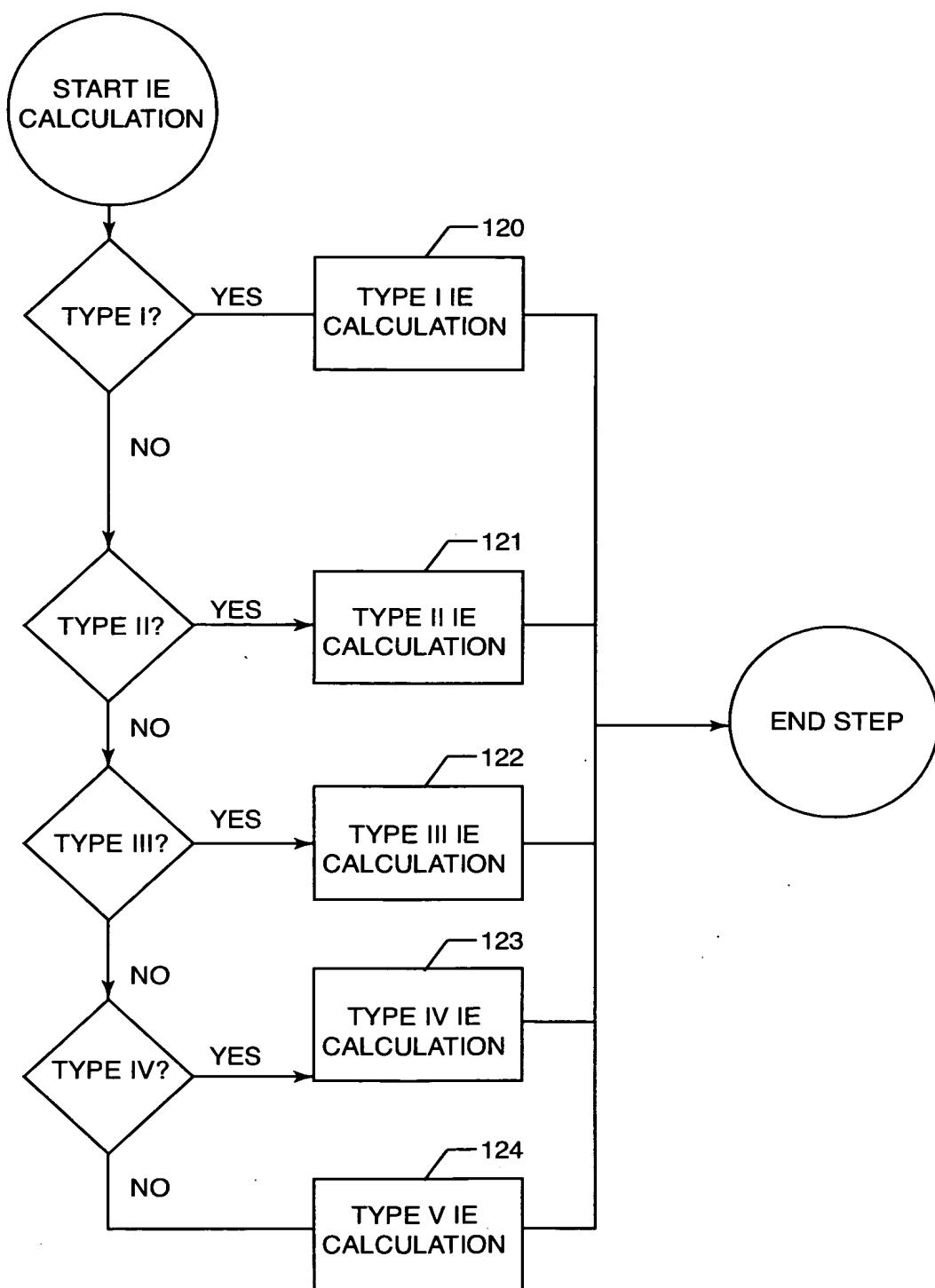


FIG. 12



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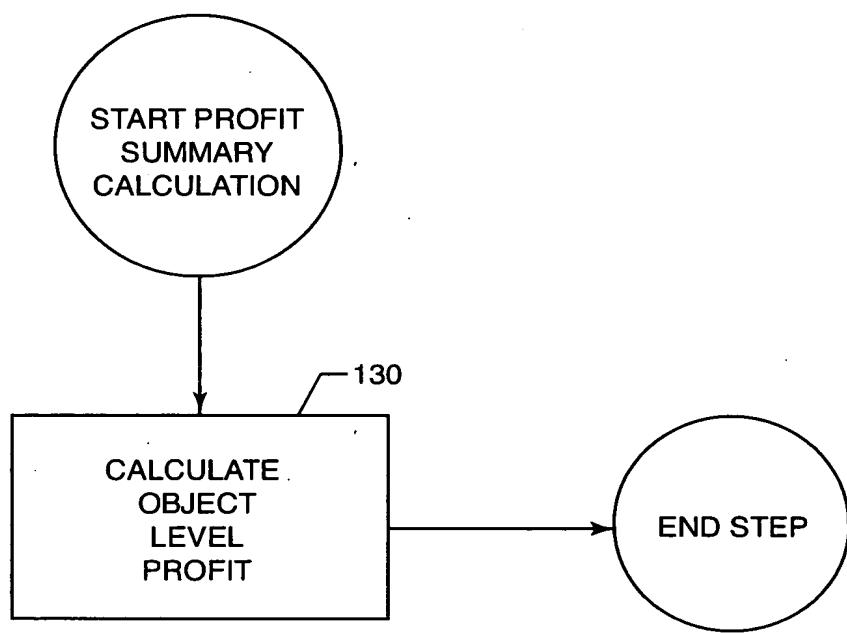


FIG. 13

DPM Example

Airline
Database
Schema
Entity

Attributes
====>>>

Plane	row_id	orig_bal	et_orig_ba	p_orig_b	mp_net_ba	to_last_12	rs_last_1	no_seats_1	no_seats_2	no_seats_3	teg	...
Flight	row_id	l_originatio	pt_landing	1st_fare	2nd_fare	3rd_fare	sched_hours	distance	lliance_re	ins_fac	risk_factor	...
Customer	row_id	loyalty_ring	ene_miles	or_score	alliance	...						
Employee	row_id	salary&be	...									
Financial	row_id	period_amt	fin_name	period	type	...						
Transactions	row_id	tm_amt	seat	fit	date	type	...					
Treatment rts	row_id	25_yr_rate	pool_rt	...								
loc_to_grd_cst	row_id	loc_id	finan_id									

grouping tables:

emp_to_ft_dt	row_id	emp_id	ft_id	
cust_to_tran	row_id	cust_id	tran_id	
cust_to_seat	row_id	cust_id	seat_id	ft_id
plane_to_flight	row_id	plane_id	ft_id	date
loc_to_grd_cst	row_id	loc_id	finan_id	

